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(71) Applicants (for all designated States except US): NEC
ELECTRONICS CORPORATION [JP/JP]; 1753
Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa
211-8668 (JP). BITBOYS OY [FI/FI]; Rauhalammintie 1,
FIN-29600 Noormarkku (FI).

(72) Inventors; and

(75) Inventors/Applicants (for US only): FURIHATA,
Hirobumi [JP/JP]; c/o NEC Electronics Corporation,
1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kana-
gawa 211-8668 (JP). OOHASHI, Katsuhisa [JP/JP];
c/o NEC Electronics Corporation, 1753, Shimonumabe,
Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668 (JP).

SHIODA, Junyou [JP/JP]; c/o NEC Electronics Corpo-
ration, 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi,
Kanagawa 211-8668 (JP). TESHIOGI, Yoshiyuki
[JP/JP]; c/o NEC Electronics Corporation, 1753, Shimon-
umabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668
(JP). NOSE, Takashi [JP/JP]; c/o NEC Electronics Corpo-
ration, 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi,
Kanagawa 211-8668 (JP). TUOMI, Mika [FI/FI]; c/o
Bitboys OY, Rauhalammintie 1, FIN-29600 Noormarkku
(FI).

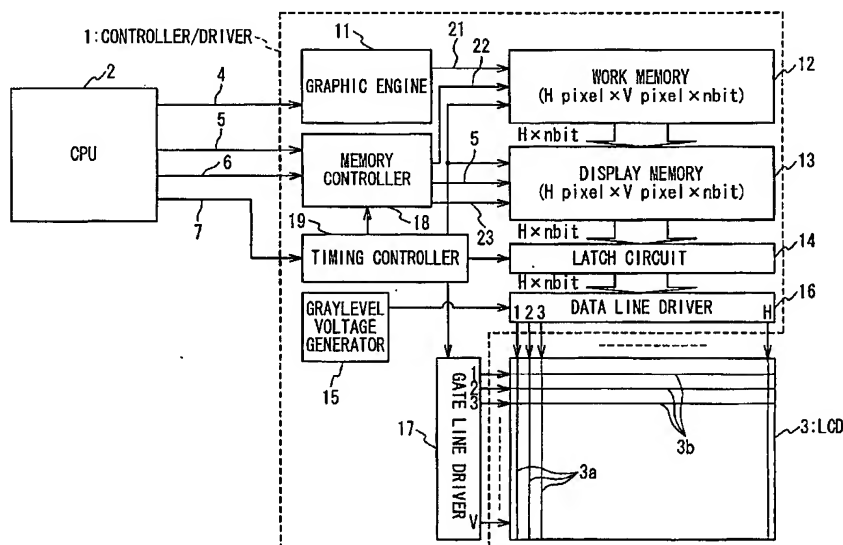
(74) Agent: KUDOH, Minoru; 6F, Kadoya Bldg., 24-10, Mi-
namiooi 6-chome, Shinagawa-ku, Tokyo 140-0013 (JP).

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(54) Title: CONTROLLER DRIVER AND DISPLAY APPARATUS USING THE SAME



(57) Abstract: A controller/driver is composed of a work memory, a graphic engine, a display memory, and a driver circuit. The graphic engine converts externally received image data into first bitmap data, and stores the first bitmap data in the work memory. The display memory receives and stores second bitmap data developed from the first bitmap data stored in the work memory. The driver circuit drives a display panel in response to the second bitmap data received from the display memory.